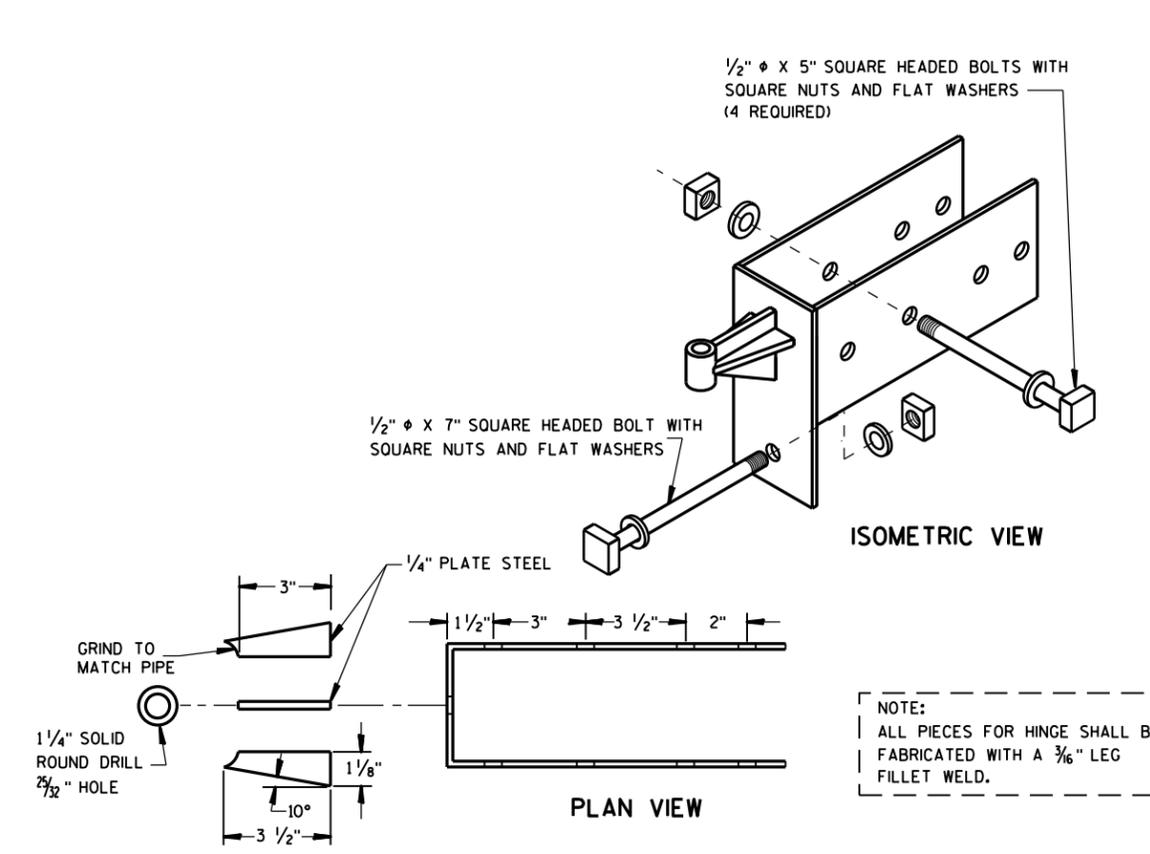
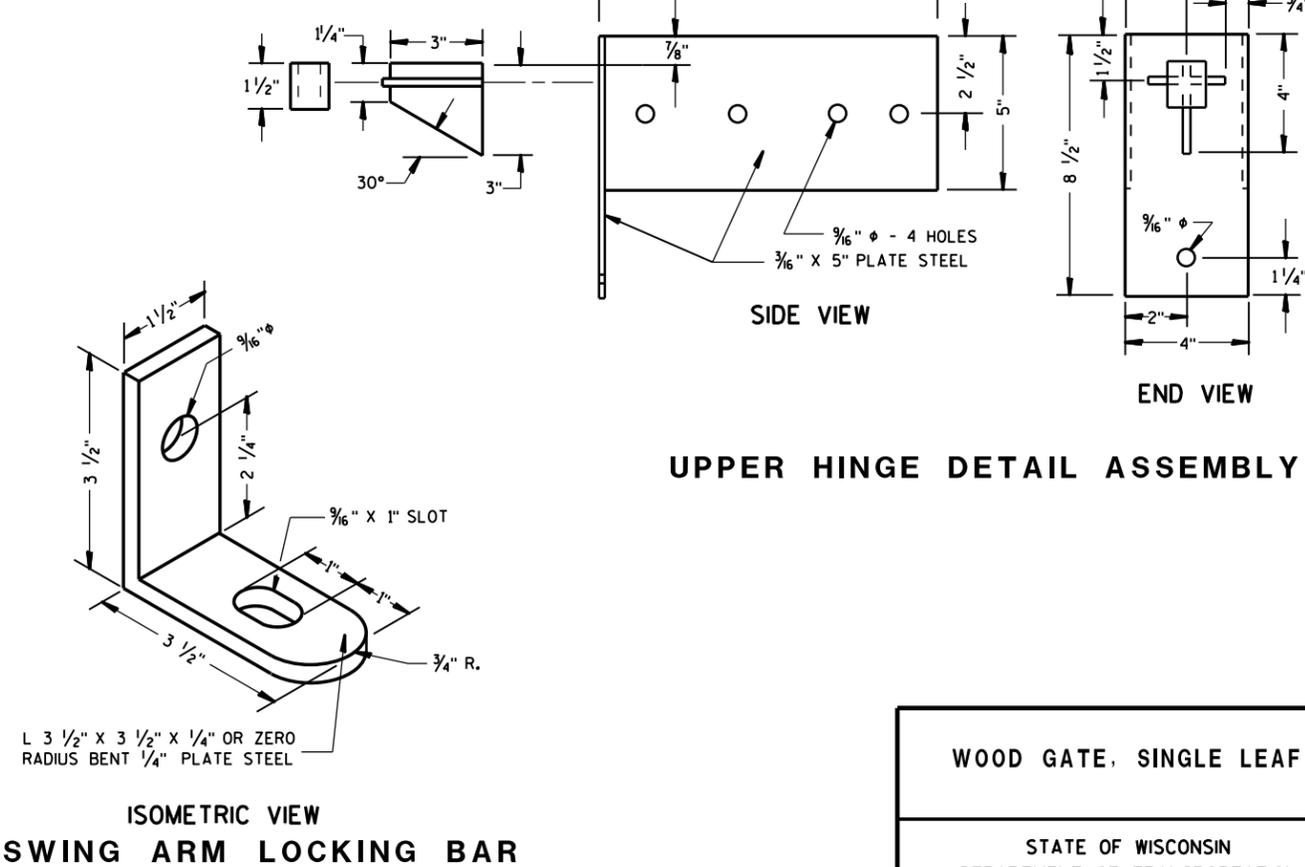
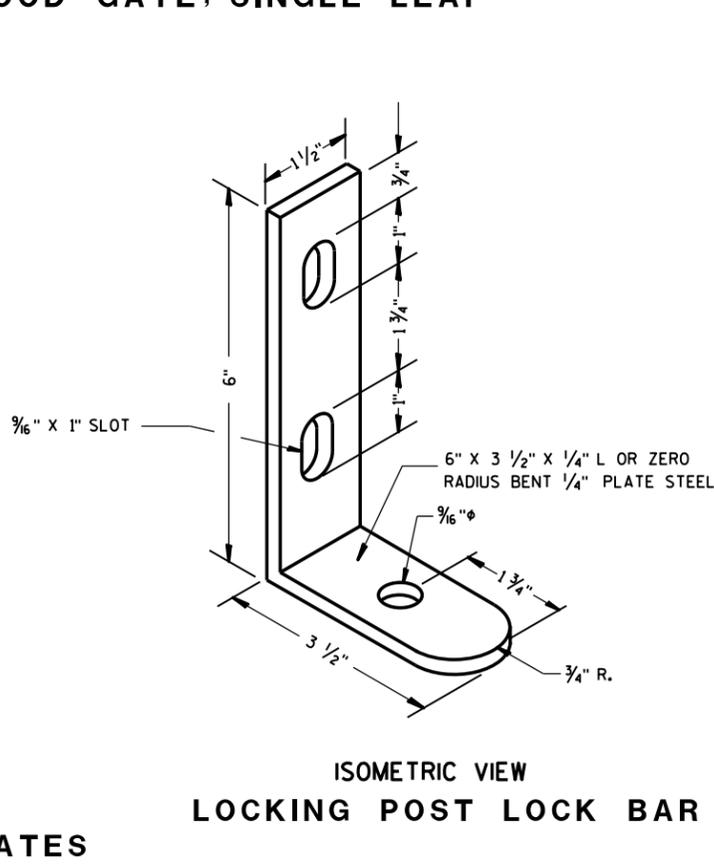
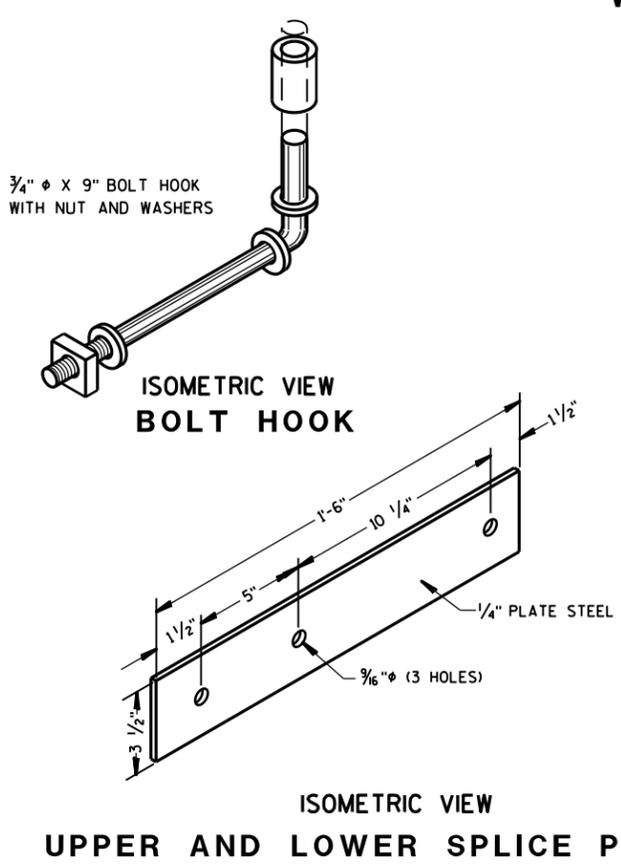


FRONT VIEW  
WOOD GATE, SINGLE LEAF



UPPER HINGE DETAIL ASSEMBLY

6



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S.D.D. 15 B 11-1a

S.D.D. 15 B 11-1a

WOOD GATE, SINGLE LEAF

STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION



# 15B11 sheet b: Wood Gate, Single Leaf

## (TABLE OF DIMENSIONS)

CLEAR WIDTH	DISTANCE BETWEEN POSTS	LENGTH OF UPPER GATE BEAM	OVERALL GATE LENGTH
** 16'-0"	16'-7"	15'-4 1/4"	15'-9 3/4"
** 14'-0"	14'-7"	13'-4 1/4"	13'-9 3/4"
12'-0"	12'-7"	11'-4 1/4"	11'-9 3/4"
10'-0"	10'-7"	9'-4 1/4"	9'-9 3/4"

\*\* FOR A 14' AND 16' CLEAR WIDTH OPENING - HINGE BRACKET (OPTION B) IS TO BE USED INSTEAD OF THE BOLT HOOK.

## GENERAL NOTES

POSTS SHALL BE SET IN GROUND AT THE DEPTH SHOWN, FILLED AND COMPACTED EVERY 6 INCHES WITH ORIGINAL SUBSOIL.

ALL SAW CUTS AND HOLES DRILLED IN TIMBERS SHALL BE TREATED IN ACCORDANCE WITH SECTION 507.2.2.6 AND WOOD PRESERVATIVE SHALL BE SECTION 507.2.3.4 OF THE STANDARD SPECIFICATIONS.

GATE LOCK CAN BE MASTER KEYED AND SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: SHACKLE DIA. OF 3/8", VERTICAL CLEARANCE OF 1 1/2", HORIZONTAL CLEARANCE OF 1 1/2".

ALL METAL SHALL BE PAINTED WITH A ZINC RICH PRIMER AND ONE COAT OF EPOXY FINISH PAINT. A SECOND FINISH COAT SHALL BE FIELD APPLIED AFTER INSTALLATION.

STOPPING POSTS SHALL BE SET AT EACH SIDE AND EQUIPPED WITH LOCKING POST LOCK BAR FOR HOLDING IN POSITION.

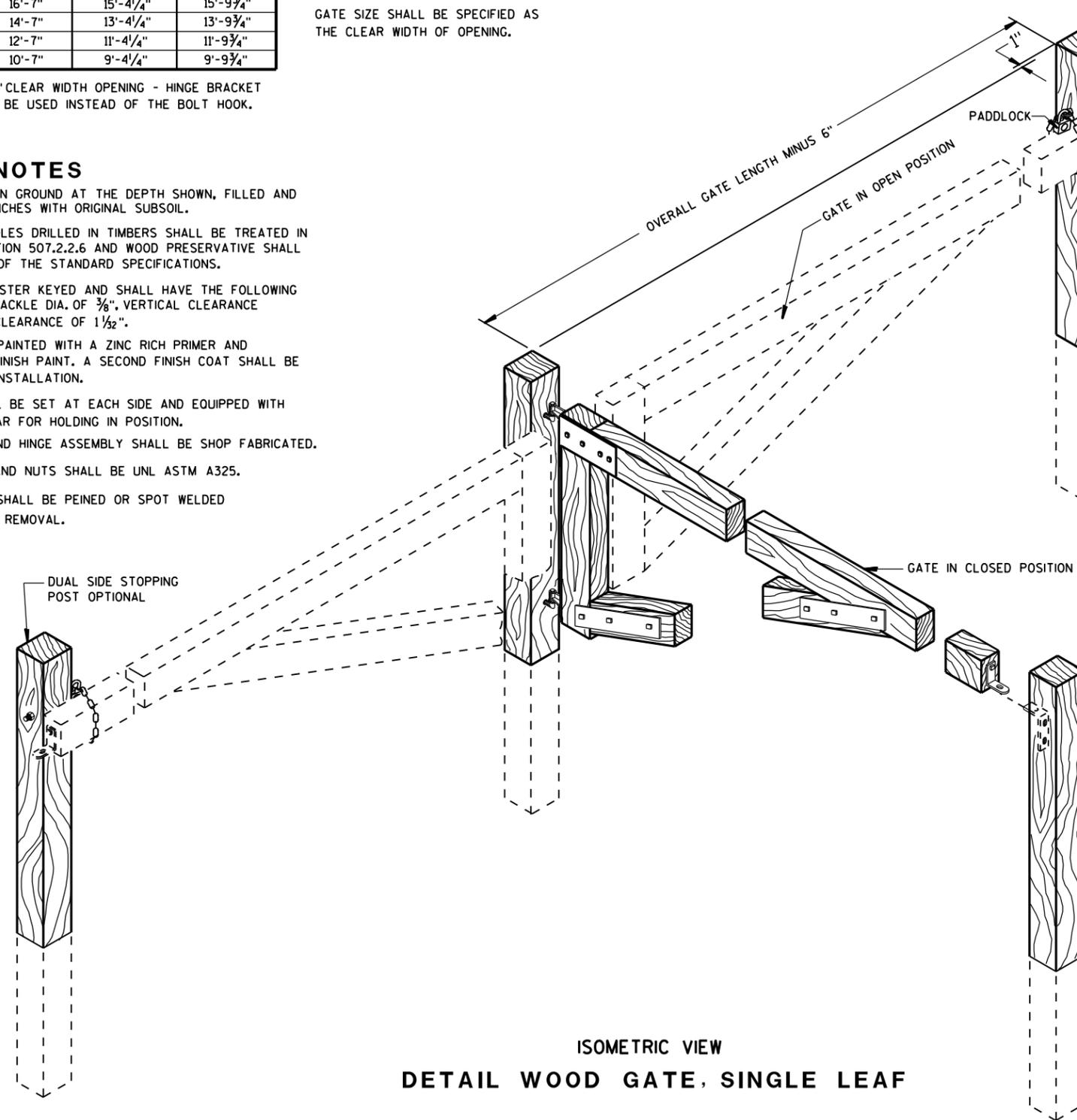
ALL TIMBER BRACES AND HINGE ASSEMBLY SHALL BE SHOP FABRICATED.

ALL BOLTS, WASHERS AND NUTS SHALL BE UNL ASTM A325.

HINGE BOLT THREADS SHALL BE PEINED OR SPOT WELDED IN PLACE TO PREVENT REMOVAL.

## DESIGN NOTE:

GATE SIZE SHALL BE SPECIFIED AS THE CLEAR WIDTH OF OPENING.

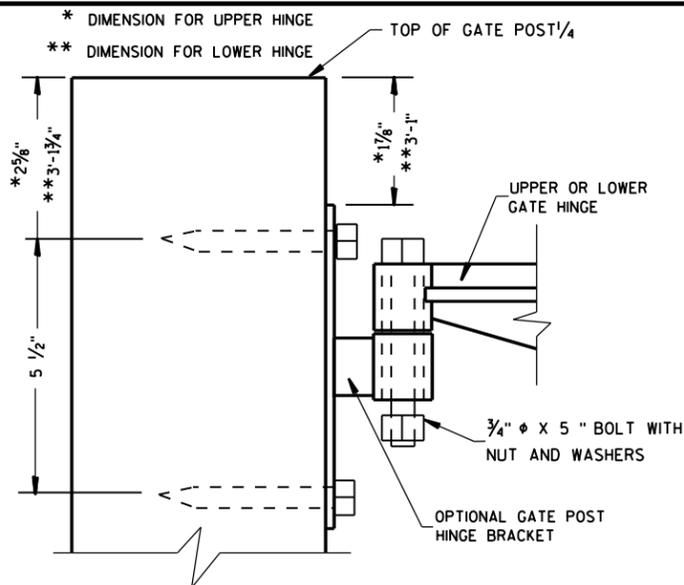


ISOMETRIC VIEW  
DETAIL WOOD GATE, SINGLE LEAF

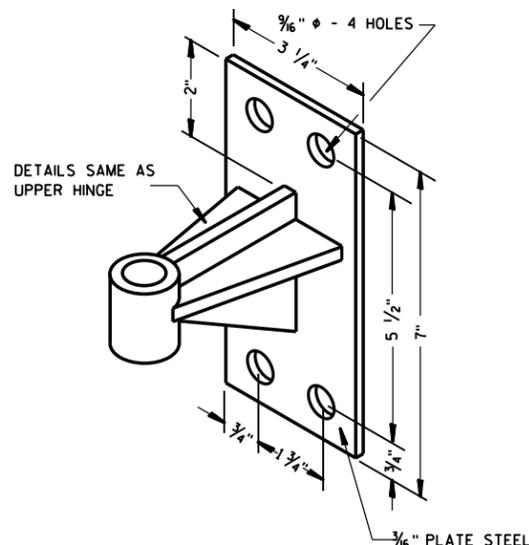
NORMAL 6" X 6" STOPPING POST SET IN GROUND 4'-0"

28" -1/2" PROOF COIL CHAIN ATTACHED TO EYE BOLT WITH STD. CONNECTING LINK OR COLD SHUT LINK

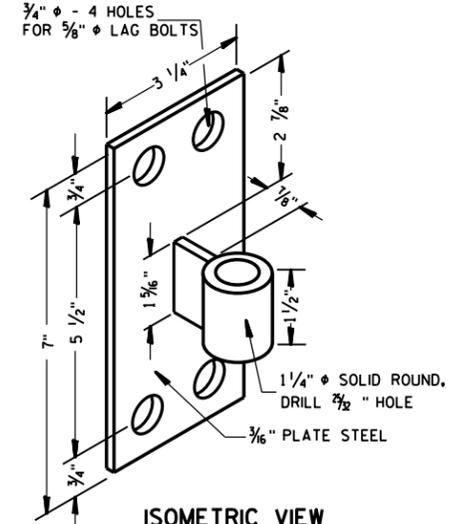
NOTE:  
ALL PIECES FOR HINGE SHALL BE FABRICATED WITH A 3/16" LEG FILLET WELD.



SIDE VIEW  
INSTALLATION FOR OPTION B  
GATE POST HINGE BRACKET



ISOMETRIC VIEW  
LOWER GATE HINGE



ISOMETRIC VIEW  
OPTION B  
GATE POST HINGE BRACKET

NOTE: TO BE USED IN PLACE OF HOOK BOLT FOR A 16' CLEAR WIDTH OPENING ONLY (USE ON BOTH UPPER & LOWER GATE HINGE ASSEMBLY)

6

6

S.D.D. 15 B 11-1b

S.D.D. 15 B 11-1b

WOOD GATE, SINGLE LEAF	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	/S/ Rory L. Rhinesmith
DATE	1/5/94
CHIEF METHODS DEVELOPMENT ENGINEER	
FHWA	

*Wood Gate, Single Leaf*

**References:**

NONE

**Bid items associated with this drawing:**

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
NONE		

**Standardized Special Provisions associated with this drawing:**

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

**Other SDDs associated with this drawing:**

NONE

**Design Notes:**

NONE

**Contact Person:**

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